

AIRLOCK SYSTEM AND METHOD FOR PROTECTING A TOXIC-FREE AREA

ABSTRACT

There is provided an airlock system utilizable with a protected Toxic Free Area (TFA) defined by an enclosure including spaced-apart first and second door arrangements, each door arrangement having an entrance and an exit and being divided by partitions into a plurality of sections, an airlock space coupled to, and bridging between, the first and second door arrangement, the exit of the second door being connectable to the protected TFA, while the first door arrangement having its entrance located outside the TFA, the arrangement being such that there is no direct airflow from the entrance of the first door arrangement to the exit of the second door arrangement. A method for facilitating entrance and egress from a Toxic Free Area (TFA) defined by an enclosure, without the danger of contamination of the protected TFA, is also provided.